

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	47	(US-20020166896-\$ or US-20020165634-\$ or US-20020062909-\$ or US-20020110649-\$ or US-20020065573-\$ or US-20040251242-\$ or US-20080078751-\$ or US-20080017619-\$ or US-20060000816-\$ or US-20060011592-\$).did. or (US-6504127-\$ or US-6455803-\$ or US-6329635-\$ or US-6122564-\$ or US-6344625-\$ or US-6188041-\$ or US-5837960-\$ or US-5674415-\$ or US-5659479-\$ or US-5481085-\$ or US-6084205-\$ or US-5475198-\$ or US-6472029-\$ or US-5473257-\$ or US-5446549-\$ or US-5275327-\$ or US-5061841-\$ or US-7423236-\$ or US-6180049-\$ or US-6271802-\$ or US-4877940-\$ or US-4854320-\$ or US-4807991-\$ or US-6925346-\$ or US-5850068-\$ or US-6363294-\$).did. or (US-6046426-\$ or US-5985056-\$ or US-5247155-\$ or US-5715375-\$).did. or (WO-3042895-\$).did. or (US-6504127-\$ or KR-2003039929-\$ or US-5837960-\$ or GB-2246733-\$ or US-4767911-\$ or EP-765709-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/11/20 14:00
L2	23	(intensity with (light or laser)) and L1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/20 14:00
L4	18	((electron adj5 beam) with ((multiple or multi) adj5 layer \$2)) same (weld\$2 or welding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/20 14:38

L5	799	((electron adj5 beam) with ((multiple or multi) adj5 layer \$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/20 14:40
L6	166055	"219"/.clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/20 14:40
L7	23	5 and 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/20 14:40
L8	14377	((electron adj5 beam) same (weld\$2 or welding))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/20 14:44
L9	57	((multiple or multi) with layer \$2) same 8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/20 14:44
L10	41	(constant with laser with power) same ((multiple or plurality) with layer\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/20 15:09
L11	116	((constant or "same" or consistent) with (laser with power)) same ((multiple or plurality) with layer\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/20 15:13
L12	2	(10/671689).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/11/20 16:39
L13	11	("4863538"   "4944817"   "5182170"   "5385780"   "5387380"   "5745834"   "5904890"   "6066285"   "6238614"   "6657155"   "6767499").PN. OR ("7255830").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 16:42
L14	43	((constant or "same" or consistent) with (laser with power)) same (layer\$2 with (deposition or sintering))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/20 16:55

L15	44	((constant or "same" or consistent) with (laser with power)) same (layer\$2 with (deposition or weld or welding))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/20 17:01
L16	146	((constant or "same" or consistent or equal) with (laser with power)) same ((multiple or plurality) with layer\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/20 17:04
S1	27	((("6455803") or ("5837960") or ("5637175") or ("5730817") or ("5908569") or ("20020062909") or ("6122564") or ("6504127") or ("5453329") or ("5155321") or ("6329635") or ("20020166896") or ("20020165634")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/28 13:23
S2	35696	laser with (deposition or cladding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 14:12
S3	192	((weld or melt) with pool\$2) same (laser with power)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 14:13
S4	66	S2 and S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 14:13
S5	1007	laser with ((direct adj5 metal adj5 deposition) or dmd)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 14:18
S6	192	((weld or melt) with pool\$2) same (laser with power)S4 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 14:19
S7	152	(monitor or measure) with ((weld or melt) with pool)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 15:13
S8	10	S2 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 15:13

S9	4347	(monitor or measure) with pool	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 15:16
S10	9429223	optical or temperature or light	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 15:17
S11	2810	S9 and S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 15:17
S12	22	S2 and S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 15:17
S13	171	laser with (deposition or cladding) and (((weld or melt) pool) same (measure or monitor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 15:24
S14	2	((monitor or measure) with (weld or melt pool)) same ((adjust or change or modify) with (laser adj5 power))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 15:44
S15	164768	"219"/.clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 15:49
S16	44	S15 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 15:49
S17	66	(laser with (deposition or cladding)) same ((control\$2 or monitor\$2 or measure\$2) same pool)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 15:57
S18	551	(monitor\$2 or measure\$2) same ((weld or melt) with pool)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 16:37

S19	40	S2 and S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 16:38
S20	48	(monitor\$2 or measure\$2) same ((weld or melt) with (pool with image\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 16:39
S21	80	laser with (((melt or weld) adj5 pool) same (control or measure or monitor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/29 07:45
S22	39	(cladding or deposition) with (((melt or weld) adj5 pool) same (control or measure or monitor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/29 08:00
S23	4	("2003042895").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/29 08:57
S24	3	((("20040251242") or ("7423236"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/29 09:00
S25	1874	(monitor\$2 or measure\$2 or sense\$2) same ((temperature or optic or light or optical) with pool)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/29 11:15
S26	27	((("6455803") or ("5837960") or ("5637175") or ("5730817") or ("5908569") or ("20020062909") or ("6122564") or ("6504127") or ("5453329") or ("5155321") or ("6329635") or ("20020166896") or ("20020165634"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/29 11:15
S27	3	S26 and S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/29 11:15
S28	94	(monitor\$2 or measure\$2 or sense\$2) same ((temperature and (optic or light or optical)) with pool)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/29 11:17

S29	35696	laser with (deposition or cladding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/29 11:17
S30	9	S29 and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/29 11:17
S31	2	("5681490").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/29 11:21
S32	28628	(electron adj5 beam) same (cladding or deposition)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/29 13:29
S33	20339	(electron adj5 beam) with (cladding or deposition)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/29 13:29
S34	5	S25 and S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/29 13:30
S35	184	(monitor or measure or sense) same (weld adj5 pool)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/29 13:32
S36	0	S33 and S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/29 13:32
S37	28	(weld adj5 pool) and S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/29 13:33
S38	38	(laser with (cladding or deposition)) with (constant with laser with power)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/29 13:45

S39	2	("5681490").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/29 15:23
S40	0	("lasersame ((multipleorplurality)with (coordinate\$2orpoint \$2orlocation\$2orparameter \$2))").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/11/06 09:08
S41	18456	laser\$2 same((multiple or plurality or many) with (coordinate\$2 or point\$2 or location\$2 or parameter\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/06 09:09
S42	503782	(store\$2 or memory) same ((determine\$2 or set\$2 or control\$2) with power or volts or voltage or watts or kilowatts)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/06 09:12
S43	1802	S41 and S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/06 09:13
S44	1002	(cladding or clad or deposition or layers or over \$2lay) and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/06 09:14
S45	40	("219"/.clas.) and S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/06 09:15
S46	33	((weld adj5 pool) or pool) and S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/06 09:44
S47	2	(cladding or clad or deposition or layers or over \$2lay) same ((control or monitor) with (laser with power)) same (weld adj5 pool)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/06 10:24
S48	8	(cladding or clad or deposition or layers or over \$2lay) and ((control or monitor) with (laser with power)) same (weld adj5 pool)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/06 10:26

S49	15	("4323756"   "4724299"   "5247155"   "5659479"   "5837960"   "5966312"   "5985056"   "6013915"   "6046426"   "6122564"   "6268584"   "6314214"   "6323951"   "6363294").PN. OR ("6925346").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 10:30
S50	8	pool and S49	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 10:37
S51	7	power and S50	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 10:39
S52	1	"20020166896"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 11:09
S53	17	((("20020166896") or ("20020165634") or ("6504127") or ("5453329") or ("5155321") or ("6329635") or ("6455803") or ("5837960")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/11/06 11:10
S54	5413803	(memory or store or storage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/19 13:59
S55	45	(US-20020166896-\$ or US-20020165634-\$ or US-20020062909-\$ or US-20020110649-\$ or US-20020065573-\$ or US-20040251242-\$ or US-20080078751-\$ or US-20080017619-\$ or US-20060000816-\$ or US-20060011592-\$).did. or (US-6504127-\$ or US-6455803-\$ or US-6329635-\$ or US-6122564-\$ or US-6344625-\$ or US-6188041-\$ or US-5837960-\$ or US-5674415-\$ or US-5659479-\$ or US-5481085-\$ or US-6084205-\$ or US-5475198-\$ or US-6472029-\$ or US-5473257-\$ or US-5446549-\$ or US-5275327-\$ or US-5061841-\$ or US-7423236-\$ or US-6180049-\$ or US-6271802-\$ or US-4877940-\$ or US-4854320-\$ or US-4807991-\$ or US-6925346-\$ or US-5850068-\$ or US-6363294-\$).did. or (US-6046426-\$ or US-5985056-\$ or US-5247155-\$).did. or (WO-3042895-\$).did. or (US-6504127-\$ or KR-	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/11/19 14:00



		2003039929-\$ or US-5837960-\$ or GB-2246733-\$ or US-4767911-\$).did.				
S56	18	S54 and S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/19 14:00
S57	3840	(compare or analyze or store) same ((first and (second or last or next)) adj5 layer\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/19 15:34
S58	133	(laser with power) and S57	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/19 15:34
S59	6	((determine or analyze) with ((next or second) with layer \$2)) same ((previous or first) with layer\$2) same weld	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/19 15:43
S60	47	(US-20020166896-\$ or US-20020165634-\$ or US-20020062909-\$ or US-20020110649-\$ or US-20020065573-\$ or US-20040251242-\$ or US-20080078751-\$ or US-20080017619-\$ or US-20060000816-\$ or US-20060011592-\$).did. or (US-6504127-\$ or US-6455803-\$ or US-6329635-\$ or US-6122564-\$ or US-6344625-\$ or US-6188041-\$ or US-5837960-\$ or US-5674415-\$ or US-5659479-\$ or US-5481085-\$ or US-6084205-\$ or US-5475198-\$ or US-6472029-\$ or US-5473257-\$ or US-5446549-\$ or US-5275327-\$ or US-5061841-\$ or US-7423236-\$ or US-6180049-\$ or US-6271802-\$ or US-4877940-\$ or US-4854320-\$ or US-4807991-\$ or US-6925346-\$ or US-5850068-\$ or US-6363294-\$).did. or (US-6046426-\$ or US-5985056-\$ or US-5247155-\$ or US-5715375-\$).did. or (WO-3042895-\$).did. or (US-6504127-\$ or KR-2003039929-\$ or US-5837960-\$ or GB-2246733-\$	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/11/20 08:15

		or US-4767911-\$ or EP-765709-\$).did.				
S61	29	layer\$2 and S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/20 08:16
S62	2991	(compare or analyze) same ((first or second or third) with layer\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/20 10:23
S63	724	laser and S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/20 10:23
S64	17	(laser with (weld or welding)) and S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/20 10:23
S65	1128	(control and (compare or analyze)) same ((first or second or third or multiple or plurality) with layer\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/20 10:27
S66	50	(laser with (weld or welding or deposition or cladding or "DMD")) and S65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/20 10:27
S67	18	("20020041377"   "20020080364"   "20020102482"   "20020137303"   "20030087192"   "20040002172"   "20040109165"   "20040207097"   "20040257571"   "20050105092"   "6028910"   "6197679"   "6204912"   "6218200"   "6612159"   "6766211").PN. OR ("7065737").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:32
S68	10	("4508953"   "4935597"   "5173592"   "5233150"   "5449875").PN. OR ("5715375").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 10:33
S69	20	(control and method) with (multi\$2layer with (weld or welding))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 11:07
S70	2	camera and S69	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 11:13

S71	1	("5681490").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/20 13:52
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**11/ 20/ 2009 5:30:31 PM**

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